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Plasticiser system free from highly volatile cpds., useful in plastics, esp. polyamide - is prepd. by mixing natural or synthetic vegetable or animal epoxidised oil and/or epoxidised fatty acid ester, monoglycol and polyglycol

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
DE 4417191	C1	19950831	DE 4417191	A	19940517	199539	B

Priority Applications (Number Kind Date): DE 4417191 A (19940517)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
DE 4417191	C1		4	C08J-003/18	

Abstract:

DE 4417191 C

Plasticiser system (I) comprises (a) natural and/or synthetic vegetable and/or animal epoxidised oil(s) (II) and/or epoxidised fatty acid ester(s) (III), (b) monoglycol(s) (IV) and (c) polyglycol(s) (V).

USE - (I) is used as plasticiser for plastics, esp. polyamides (claimed) and also materials contg. polyamide and prepolymers, esp. polyamide-6 and -6,6 for fibres, films, cable binders, (safety) seals, fitting tapes e.g. for hoses and pipes used in vehicles, pipe fitting collars and closed and slit corrugated tubes.

ADVANTAGE - (I) gives excellent plasticity and flexibility and is free from highly volatile cpds., which can cause troublesome odour and environmental pollution by vapour which is hazardous to health.

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DE19841303A1 20000323 Leak sealant for tanks and other vessels for hazardous substances comprises optionally plasticised thermoplastic or reactive plastic material which is molded to fit leak and sets after reasonable working time

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Priority (No,Kind,Date) : DE19841303 A 19980910 I **Application(No,Kind,Date)**:

DE19841303 A 19980910 **IPC:** 7C 09K 3/12 A **Language of Document:** NotAvailable

Abstract: Die Erfindung betrifft eine Leckdichtmasse und daraus hergestellte Leckdichtmittel fuer die Abdichtung von Leckagen im allgemeinen und speziell fuer die Abdichtung von Leckagen an Tanks, Anlagen, Faessern und Rohren mit Inhalten, die als Gefahrstoffe eingestuft sind. DOLLAR A Die Leckdichtmasse besteht aus einem thermoplastischen oder reaktiven Kunststoff oder Kunststoffblend oder aus einer Mischung aus einem thermoplastischen oder reaktiven Kunststoff oder Kunststoffblend und einem oder mehrerer niedermolekularer reaktiver und nicht reaktiver Stoffe wobei die Leckdichtmasse beim Einbringen in das Leck leicht verformbar so der Geometrie des zu verschlieYenden Leckes anpaYbar ist und nach fruehestens 30 s, aber hoechstens nach 120 min, hochviskos und schlieYlich fest wird. **Legal Status:**

Date	+/-	Code	Description
20000323	(+)	OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW
20000323	(+)	OP8	REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW
20030710	(-)	8139	DISPOSAL/NON-PAYMENT OF THE ANNUAL FEE
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